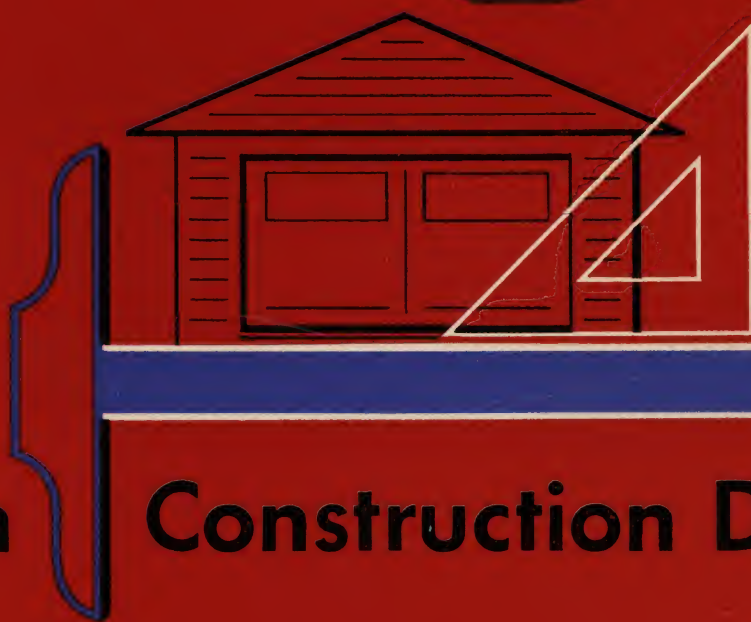


THE PLAN BOOK OF

Garages



With

Construction Details

EIGHTH EDITION

JOHN LUMBER COMPANY
PHILADELPHIA, PENNSYLVANIA

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THE PLAN BOOK OF GARAGES

40 DESIGNS

8th EDITION

**CONSTRUCTION
DETAILS AND FLOOR PLANS
FOR 40 PRACTICAL
GARAGES**



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HOME PLAN BOOK COMPANY
1596 SELBY AVE., ST. PAUL, MINN.
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YOUR GARAGE

A GARAGE is recognized as a real necessity, an integral part of any home. It is shelter and protection for a substantial investment, the automobile. It can contribute to or detract from the pleasing appearance of the home. Therefore it is important that it be in architectural harmony with the home it supplements.

Cars vary in length, height and width, and allowance must be made for possible purchase of a larger car.

If the garage is to house lawn and garden tools or other equipment, these factors must be weighed in determining the proper size of the garage.

Working blueprints of the garages shown in this book may be obtained on short notice from your lumber dealer. Various methods of building garages are shown in the following cross section drawings.

WALL SECTIONS

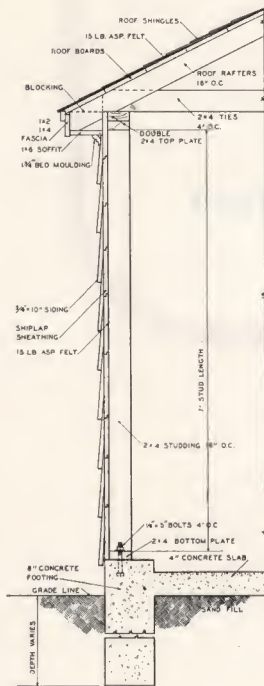


Fig. 1

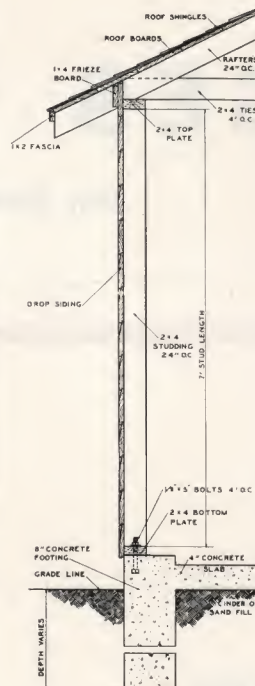


Fig. 2

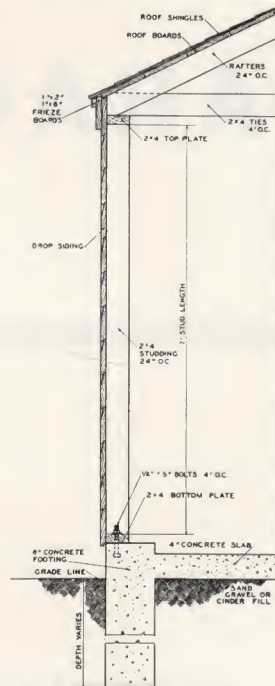


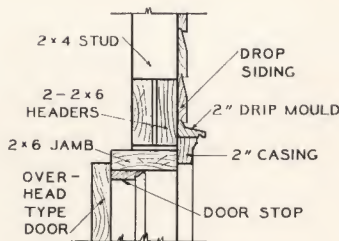
Fig. 3

Figure 1 shows a type of garage construction that is recommended as the best. The studs are placed 16" on center with a single plate at the bottom and a double plate at the top with cross ties placed four feet center to center. The rafters are also placed 16" center to center and shiplap sheathing is used under the siding. The cornice is of the closed type and is clearly shown in the drawing. The foundation is of sufficient height to keep the wood from contact with the ground—foundation bolts are shown as to size and spacing.

Figure 2 shows a wall section of a garage much simpler to construct. The studs and rafters are placed 24" center to center. The cornice is of the open type and the shiplap sheathing under the siding has been eliminated, the outside walls being of drop siding.

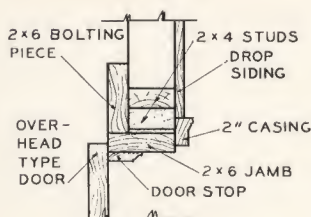
Figure 3 shows to what extent it is possible to economize in building a garage. In this drawing the construction is similar to that shown in figure 2 except most of the cornice has been omitted.

DOOR FRAMES



HEAD JAMB SECTION

Fig. 4

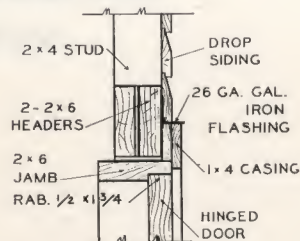


SIDE JAMB SECTION

Fig. 5

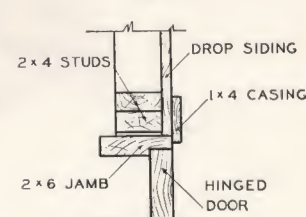
Figure 4 shows a cross-sectional drawing of the head jamb for the overhead type of garage door.

Figure 5 shows the side jamb section for the same door. The various members of the door frame are made up from standard yard stock and no special machine work will be necessary for the making of the door frame. The door stops are fastened to the side and head jambs with screws for easy adjustment of the doors.



HEAD JAMB SECTION

Fig. 6



SIDE JAMB SECTION

Fig. 7

Figures 6 and 7 show the details of a garage door frame when the garage doors are to be hung on hinges. The various members are standard yard stock with the exception of the jambs which are selected 2x6, rabbitted as shown. If the outside walls are to have shiplap sheathing and beveled siding instead of drop siding, the same door frame may be used.

SASH FRAME DETAILS

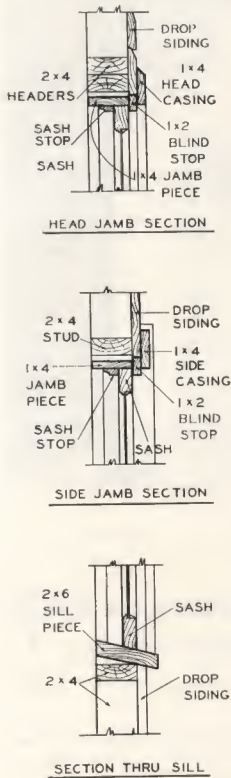


Fig. 8

Figure 8 shows the details of a frame with a fixed sash. The frame is of simple construction and easy to build on the job, thereby eliminating the need for a ready made frame. The size of the sash most commonly used is 9x12—4 light—1 $\frac{1}{8}$ ".

The jamb material for the head and sides is dressed 1"x4's" with dressed 1"x2" blind stops. The sill material is selected 2"x6" dimension stock. The outside casings are 1x4's and the stops required to complete the frame are $\frac{1}{2}$ "x1 $\frac{1}{8}$ ".

This frame is the simplest and most common form of garage sash frame. If the sill is pitched sufficiently to carry away water this frame will give good service for many years.

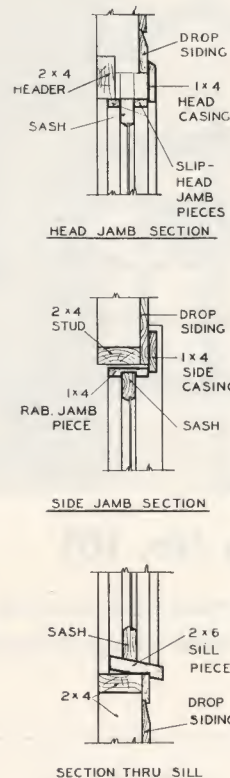


Fig. 9

Shown here in Figure 9 are the installation details for the slip-head sash frame and sash. As can be seen from the drawings of the head jamb section, there is a slot in the head jamb which permits the sash to slide upward.

There are many advantages to be found in this type of a frame—the principal ones being as follows:

1. Easy installation because it can be purchased as a complete pre-fitted and packaged unit.
2. Saving in carpenter labor because it is already assembled.
3. Convenience of being able to open the sash for ventilation in the garage. The sash can be opened to any position that may be desired.
4. Watertightness, due to being made with precision machinery and of good design.

CORNER DETAILS

Here in Figure 10 is shown a corner post built with the use of three 2x4's. This post is used in the better type of construction and especially when the garage is attached to the house and when inside nailing surface is necessary.

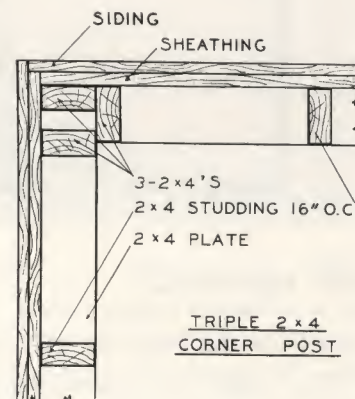


Fig. 10

Figure 11 shows a corner post built with the use of a single 2x4. For load-bearing purposes a single 2x4 is sufficient for the corner post of a light frame building when inside nailing is not needed. If nailing surface is wanted, it will be necessary to build it up as shown in Figure 10.

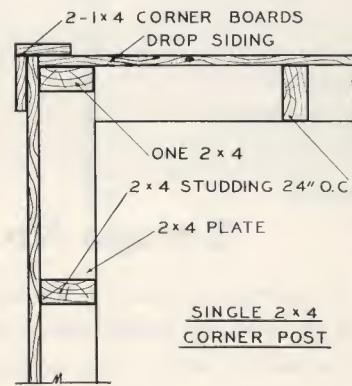


Fig. 11



12 x 18 Feet

Garage No. 101

THIS garage will appeal to many because of its simplicity. It will harmonize with nearly every type of home. It is inexpensive to build and provides ample space for the smaller sized cars.



14 x 18 Feet

Garage No. 109

HERE is a garage of pleasing appearance to harmonize with homes of attractive design. There is plenty of side space in this garage and its sturdy appearance will add greatly to the value of your property. There is a convenient service door at the rear of the garage. Its 18 foot length will accommodate most small cars.

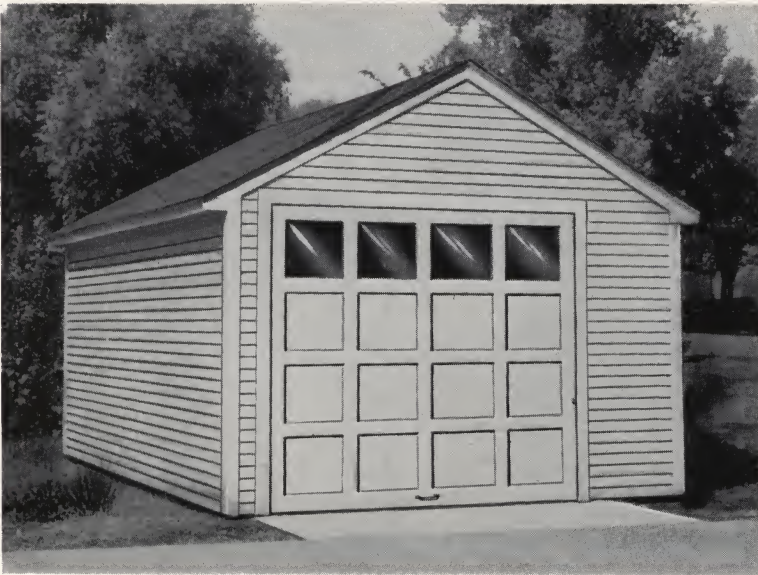




14 x 20 Feet

Garage No. 151

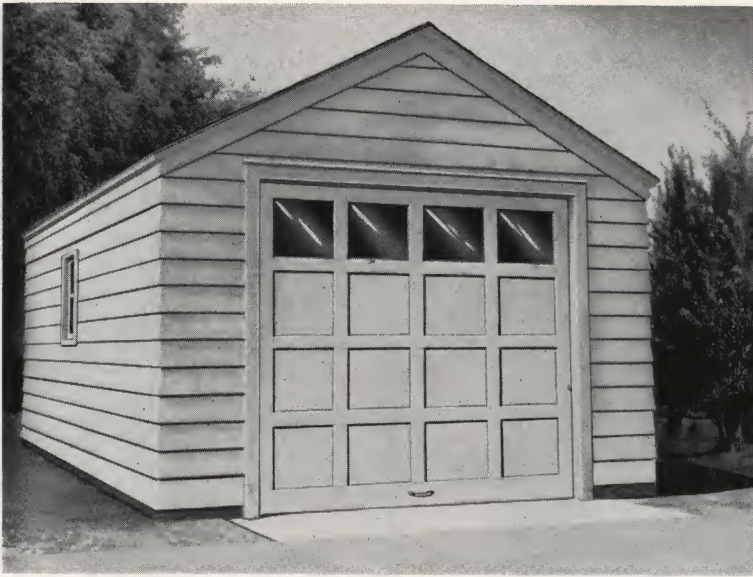
THE garage shown here has plenty of elbow room because it is fourteen feet wide. Neat and clean-cut it will look well with almost any type of home having a shingle or siding exterior. The entrance door is slightly off center to give better space utilization.



14 x 20 Feet

Garage No. 107

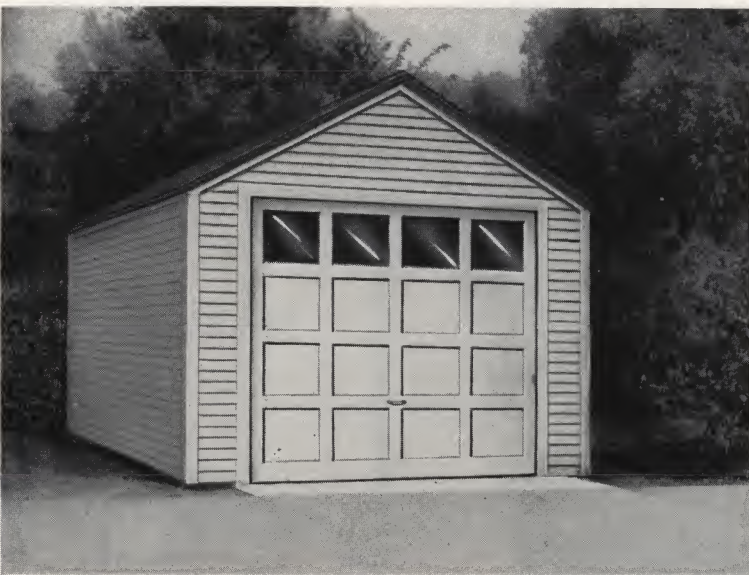
THE convenience of having such a garage as shown here can't be appreciated until you own one. It provides space for the storage of garden tools and leaves ample room for the average sized car. This garage will harmonize with any style of home and give lasting satisfaction.



12 x 20 Feet

Garage No. 102

THIS garage, with its wide clapboard exterior will harmonize well with homes of today. There is no large cornice to raise its cost and because of its double boarded walls will always be warm in Winter. This twenty foot garage is large enough for the popular sized automobile.



12 x 20 Feet

Garage No. 112

THIS attractive garage provides protection for your Automobile. It is simple in design and easy to build and if average materials are used in its construction you will have the proper combination of sturdiness, beauty and economy.





12 x 22 Feet

Garage No. 128

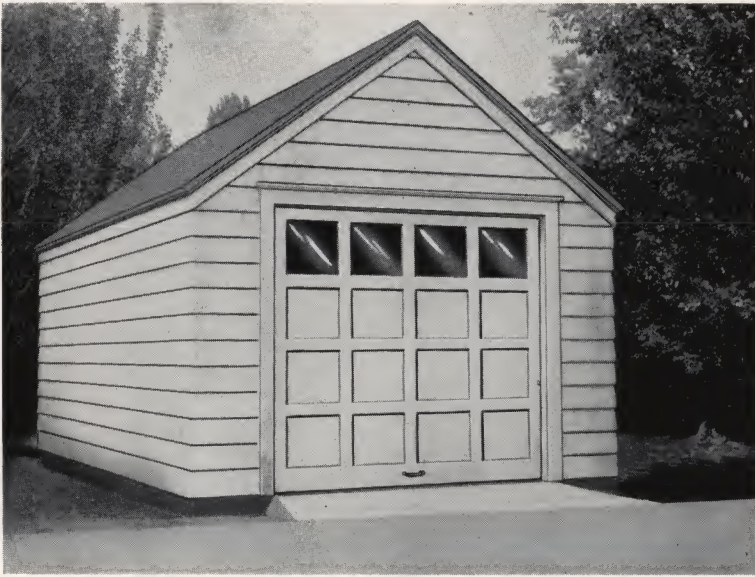
THE garage pictured here has found wide favor because its simple lines harmonize well with any home. The convenience of having a service door will be appreciated. This garage requires but a small investment and will enhance the resale value of your home.



12 x 20 Feet

Garage No. 108

IF YOU have a stuccoed home with half timbers, the garage here shown will appeal to you. The appearance is pleasing and the style will harmonize well with any type of stucco home. This garage is long enough to accommodate the majority of cars.



14 x 20 Feet

Garage No. 105

THE extra width and length of this garage in addition to its neat appearance will appeal to those who want plenty of elbow room. There is ample space for a work bench—with space left over for garden tools. The service door at the rear of the garage is an added convenience.

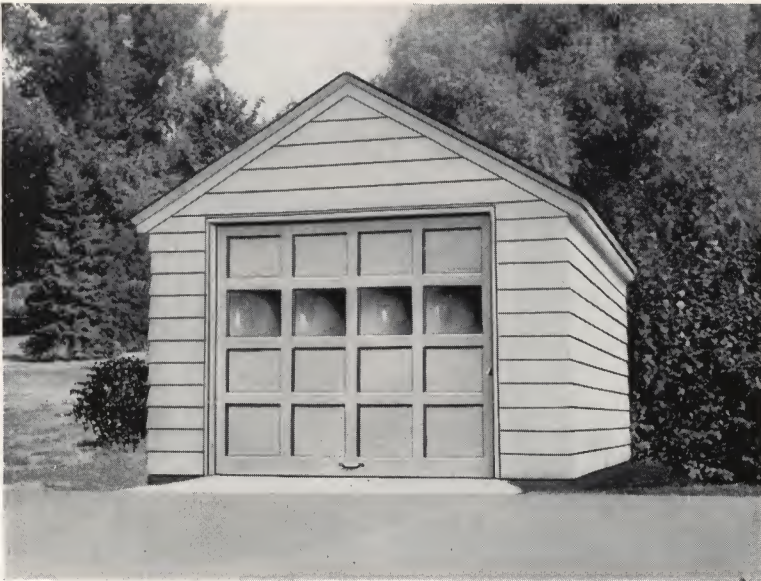


12 x 22 Feet

Garage No. 125

THIS garage will appeal to many because of its simplicity. It will harmonize with nearly every type of home. It is inexpensive to build and provides ample space for almost any sized car. The overhead type door insures easy operation at all times.





12 x 22 Feet

Garage No. 127

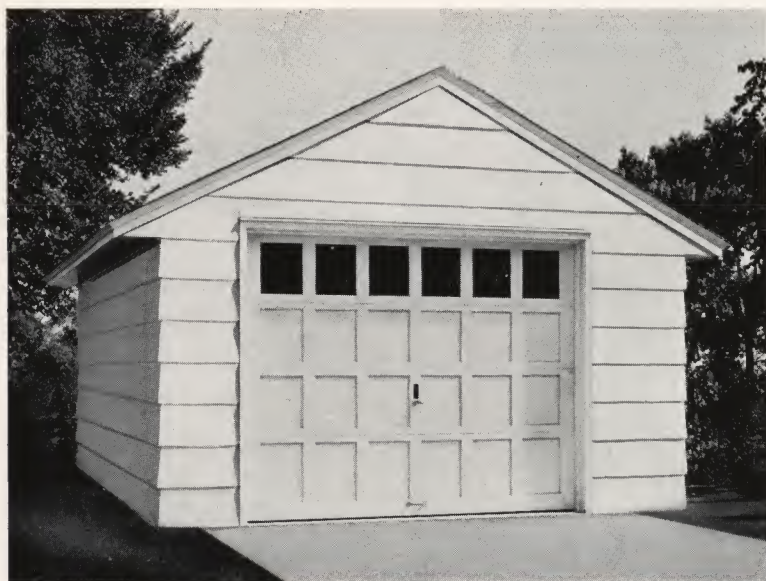
HERE is a garage whose appearance and construction gives added dignity to the home and enhances its value in no small amount. The choice of lumber used in the construction of your garage is just as important as the materials that go into the construction of your home.



14 x 22 Feet

Garage No. 126

HERE is an inexpensive garage fourteen feet wide. It is two feet wider than the average single-car garage and gives convenient space for storing lawn and garden tools and room for a work bench. The design is pleasing in appearance and will harmonize with nearly every style of house.



14 x 22 Feet

Garage No. 154

THIS garage is oversized both in width and length and because of its proportions it is more attractive in appearance than the average garage. The entrance door is of the over-head type and is also of extra width. There is ample space for storing garden tools and yard equipment.



14 x 24 Feet

Garage No. 161

HERE is an inexpensive garage fourteen feet wide. It is two feet wider than the average single-car garage and gives convenient space for storing lawn and garden tools and room for a work bench. The design is pleasing in appearance and will harmonize with nearly every style of house.



14 x 24 Feet

Garage No. 162

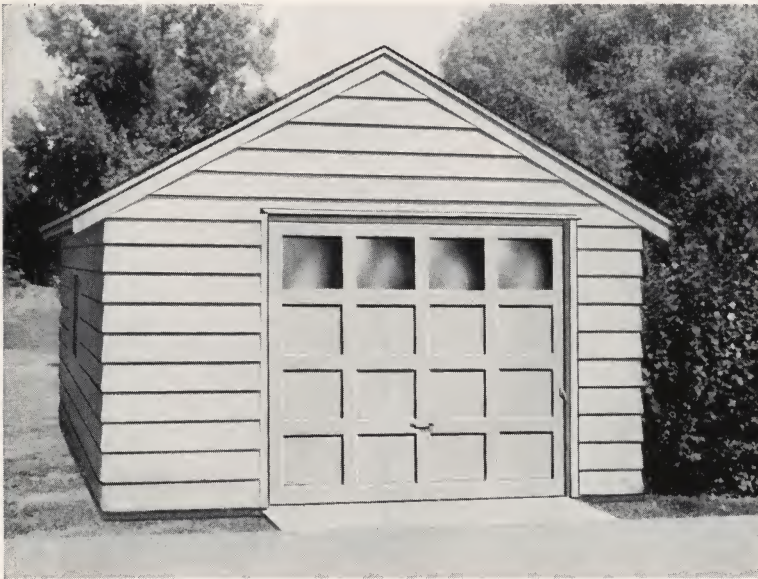
THE garage pictured here has found wide favor because its simple lines harmonize well with any home. The convenience of having a service door will be appreciated. This garage requires but a small investment and will enhance the resale value of your home.



16 x 24 Feet

Garage No. 164

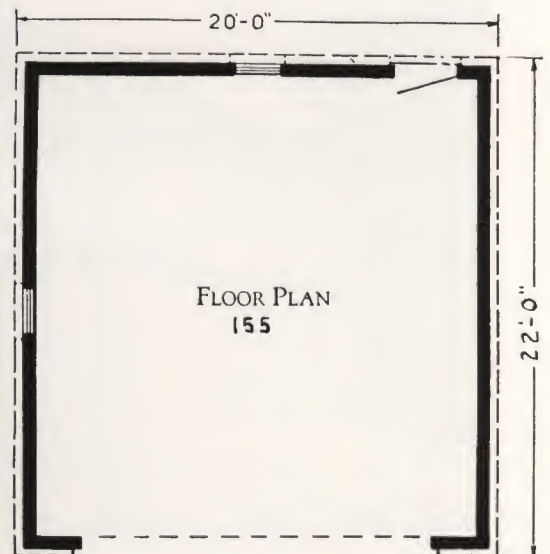
THE feature of this hip-roof garage that attracts your attention is the placing of the entrance door off center, permitting easy entrance with your car when the garage is placed parallel to the alley. This garage is economical to build and yet is large enough to accommodate any size car.



16 x 22 Feet

Garage No. 163

HERE is a garage of pleasing appearance to harmonize with homes of the latest designs. There is plenty of side space in this garage and its sturdy appearance will add greatly to the value of your property. There is a convenient service door at the rear of the garage.



20 x 22 Feet

Garage No. 155

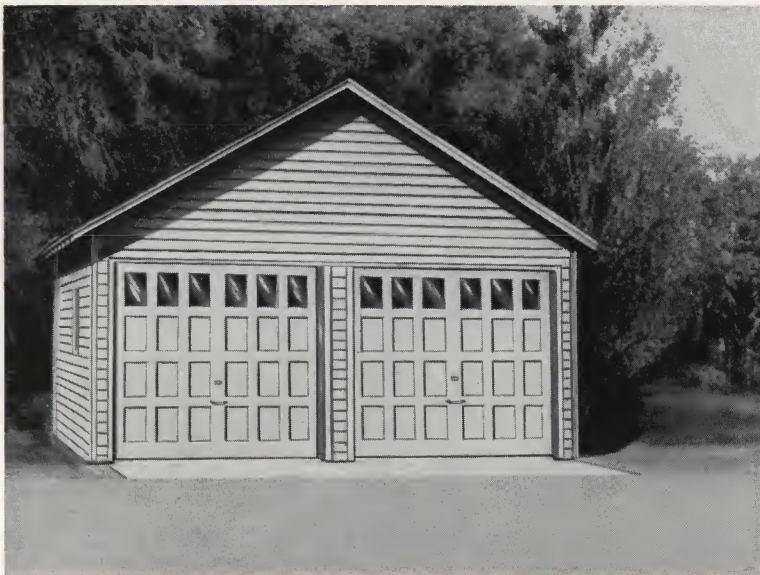
HERE is a brick-veneered garage with a double width over-head entrance door as its main feature. It is large enough to accommodate two large cars with space left over. Dignified and neat in appearance this garage will add much to the attractiveness of its surroundings.



18 x 20 Feet

Garage No. 114

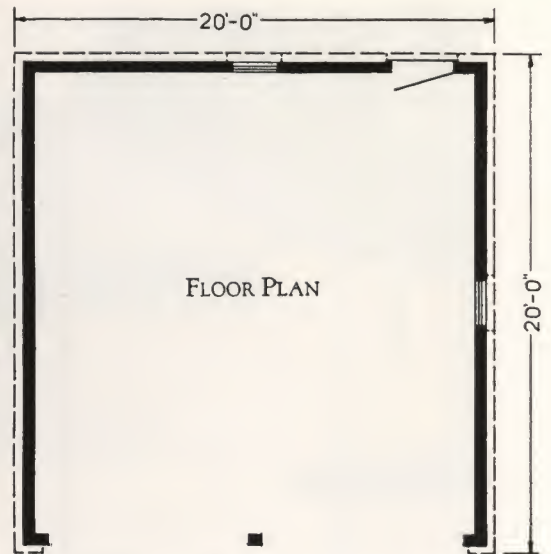
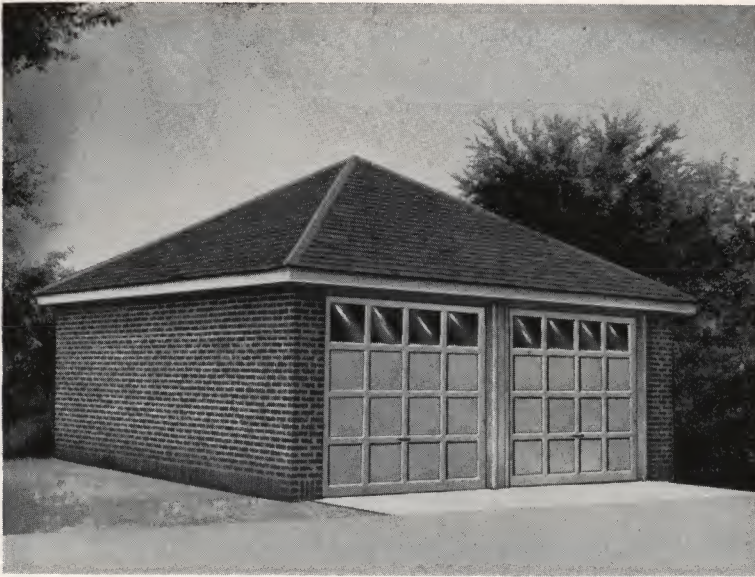
THIS two-car garage will harmonize with any attractive home. It is roomy enough to accommodate two large cars with extra space to spare. It is dignified in appearance and design and will add to the attractiveness of the home surroundings.



18 x 20 Feet

Garage No. 121

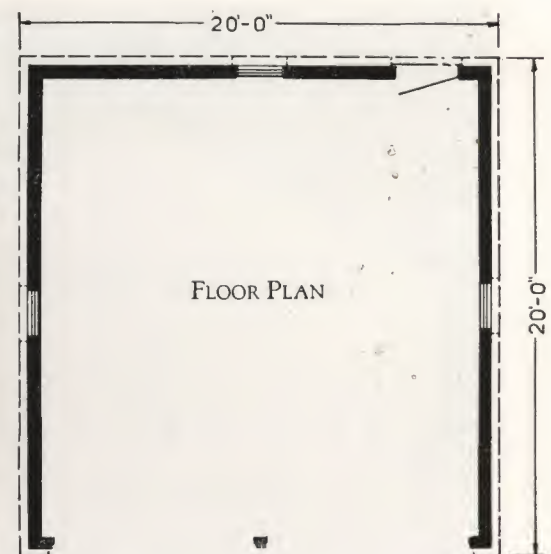
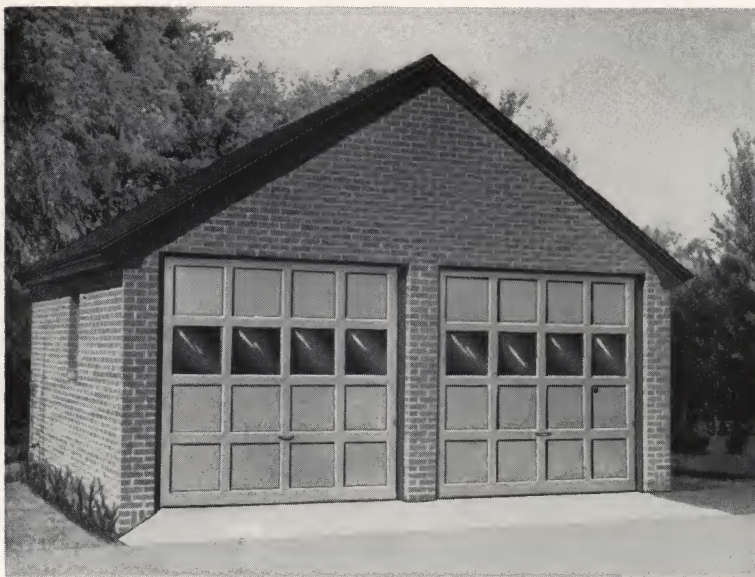
A GARAGE like the one pictured here will easily accommodate two large cars. Attractive in appearance and economical and easy to build, it will look well with any style of home. There is space under the roof for the storage of screens and storm sash.



20 x 20 Feet

Garage No. 123

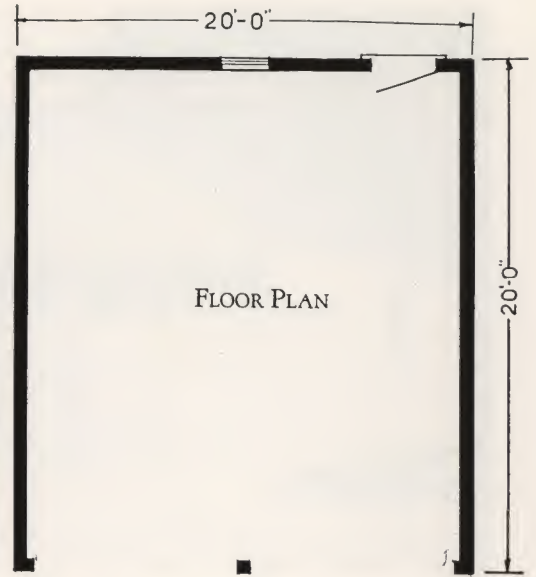
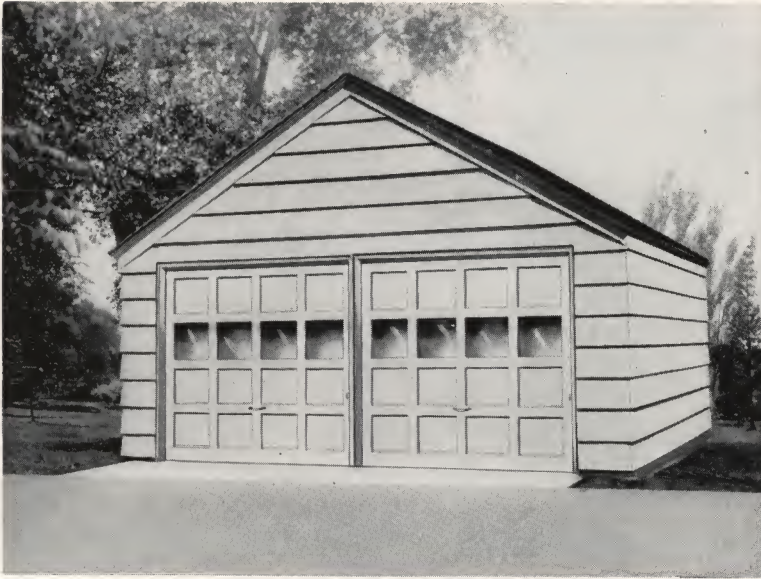
ATTRACTIVE in appearance and of sturdy construction this brick-veneered garage provides ample space for two large cars. The architectural style goes well with any brick home and will add greatly to the dignity and attractiveness of the home surroundings.



20 x 20 Feet

Garage No. 124

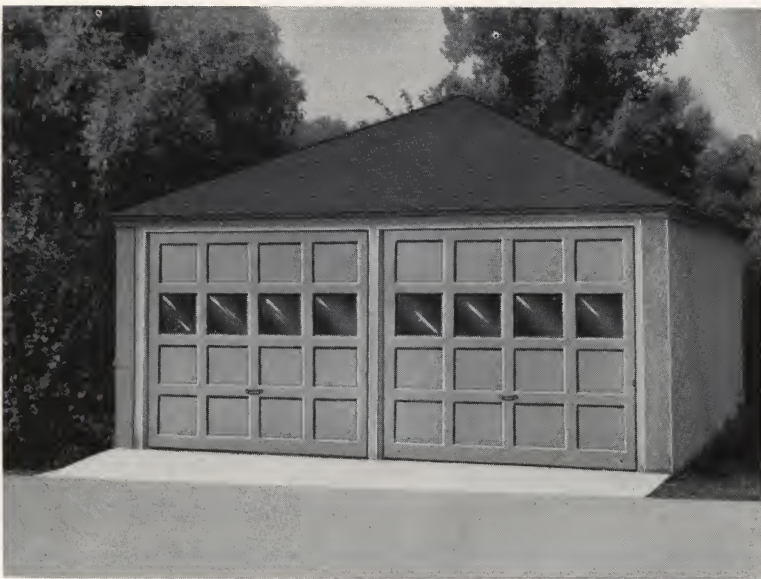
THIS beautiful garage with brick-veneer construction easily provides space for two large cars. There is additional space under the roof for storage of storm sash and screens. Simple and attractive in design, it enhances the value of the investment in your home.



20 x 20 Feet

Garage No. 115

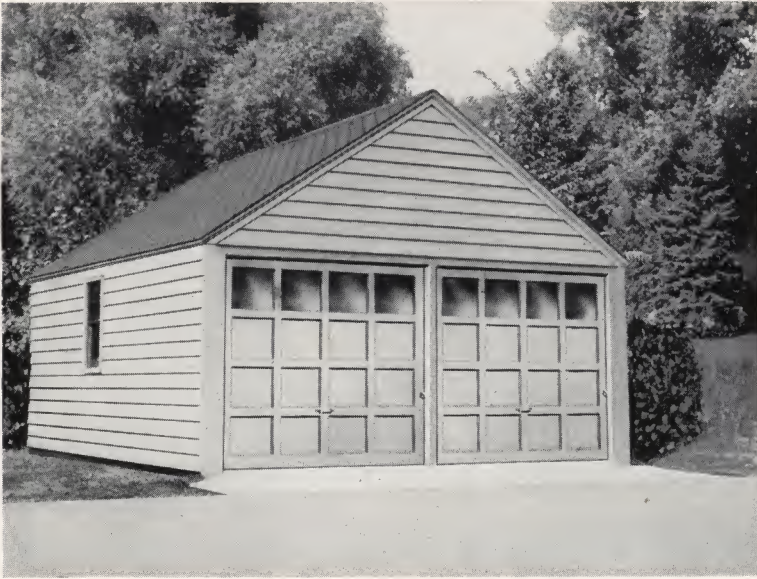
THE size of this attractive garage easily allows space for two large cars with additional space for miscellaneous storage. There is space under the roof for additional storage room for screens and storm sash. This garage will add greatly to the value of your homestead.



20 x 20 Feet

Garage No. 122

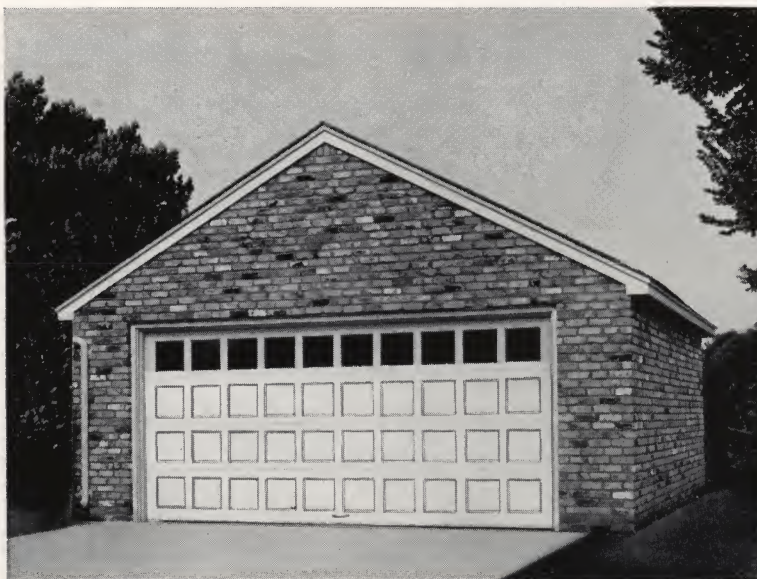
THE size of this attractive garage easily allows space for two large cars. It is simple in design, economical in cost and will harmonize well with any type of stuccoed home. Consider the many advantages of a garage like this before you build.



18 x 22 Feet

Garage No. 130

THIS two-car garage will harmonize with any type of home. It is roomy enough to accommodate two large cars with extra space to spare. It is dignified in appearance and design and will add to the attractiveness of the home surroundings.

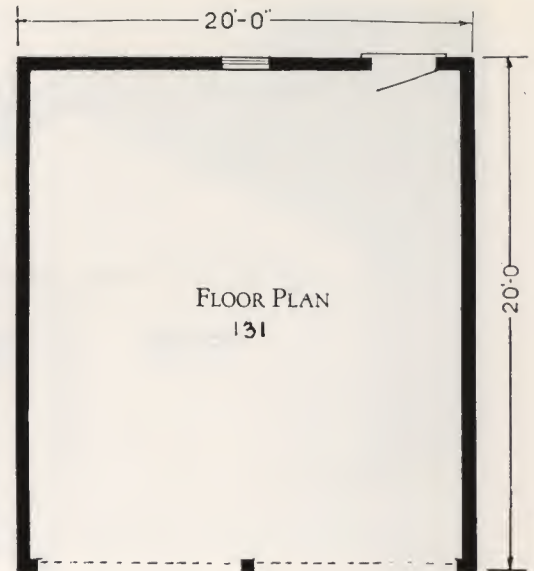
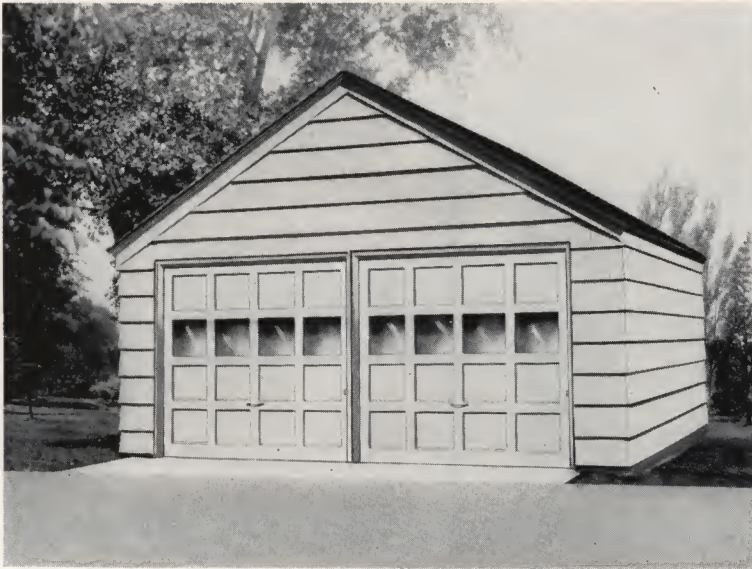


18 x 22 Feet

Garage No. 152

THE size of this garage allows space for two cars. Featured is the up-to-date overhead entrance door which provides a clear opening of fifteen feet without interference from a center post. A double garage costs only about half again as much as a single garage which always makes it a good investment.

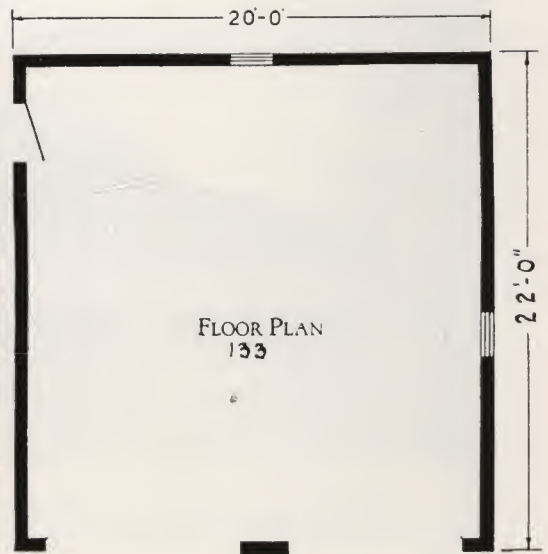




20 x 20 Feet

Garage No. 131

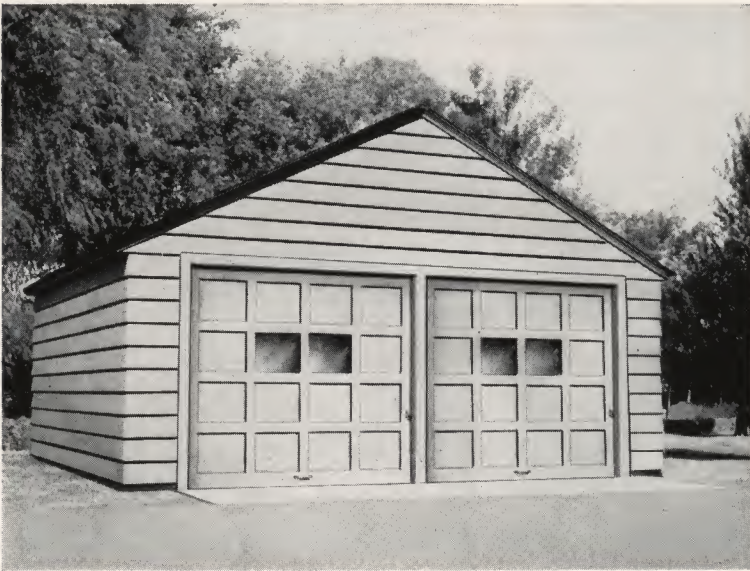
THE size of this attractive garage easily allows space for two large cars with additional space for miscellaneous storage. There is space under the roof for additional storage room for screens and storm sash. This garage will add greatly to the value of your homestead.



20 x 22 Feet

Garage No. 133

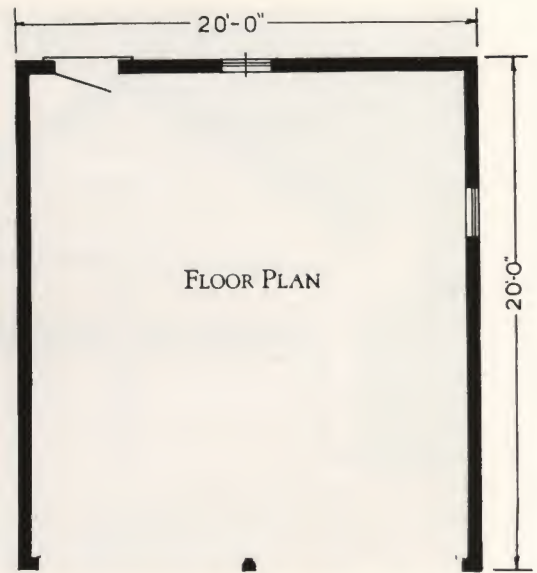
THE garage shown here has found wide favor because its plain and simple lines harmonize well with almost any home. A two-car garage costs only half again as much as a single car garage. The extra stall may be rented out as a good investment.



20 x 20 Feet

Garage No. 119

THE size of this beautiful garage of up-to-date design allows ample space for two large cars. Because it has double boarding on the outside walls, it will always be warm in winter—a distinct advantage in Northern climates. A well-built garage is always a good investment.



20 x 20 Feet

Garage No. 116

THE garage shown here has found wide favor because its plain and simple lines harmonize well with almost any home. A two-car garage costs only half again as much as a single car garage. The extra stall may be rented out as a good investment.

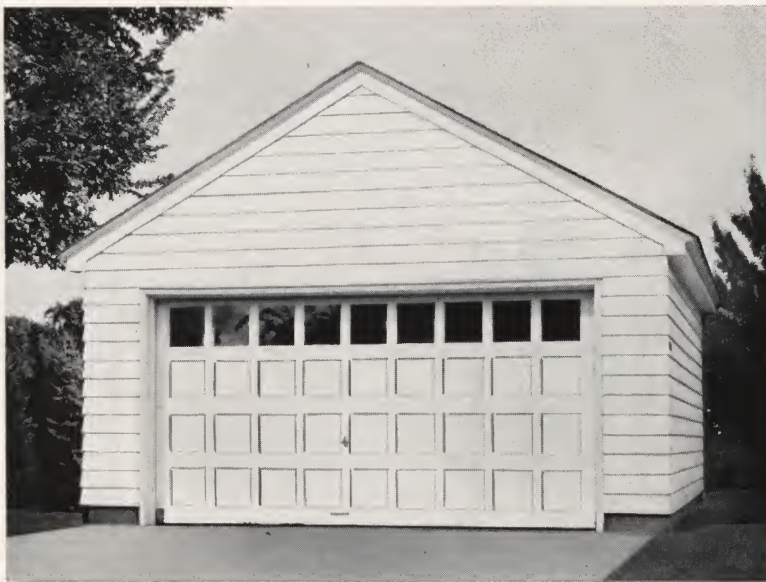




20 x 22 Feet

Garage No. 156

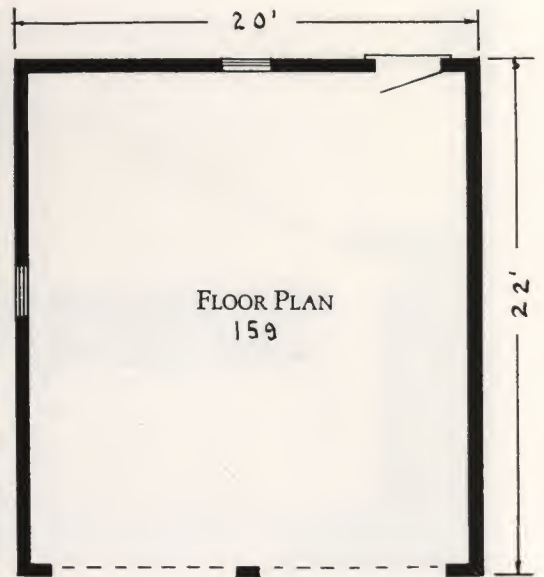
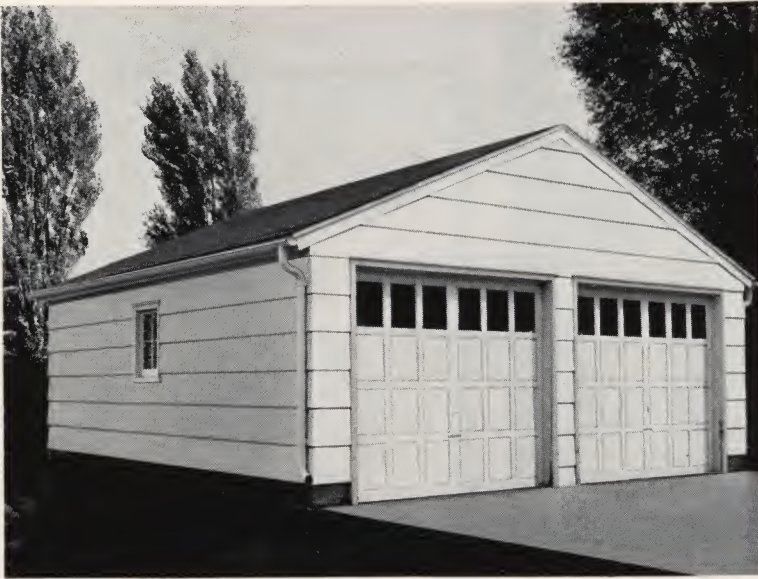
THIS roomy two-car garage will harmonize with the ever popular shingle covered home. Modern in every detail, this garage has the latest style of overhead entrance door—fifteen feet wide and, best of all, with no center post to obstruct the entrance of cars.



18 x 22 Feet

Garage No. 153

HERE is an inexpensive double garage, attractive in appearance and easy to build. It is long enough to accommodate the largest of cars yet leaving room for garden tools. The modern overhead entrance door—fifteen feet wide, without center-post obstruction—is an excellent feature.



20 x 22 Feet

Garage No. 159

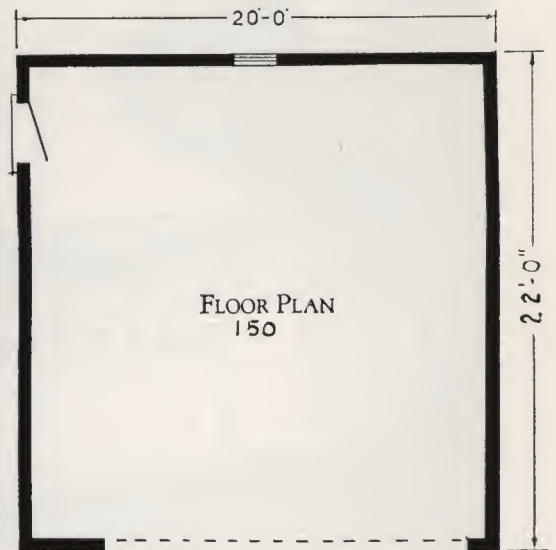
THE design of this garage, so pleasing in appearance, will harmonize with nearly every style of shingled home. It is two feet longer than the average garage so there is plenty of storage space for lawn and garden tools in addition to two large cars. A garage like this will enhance the value of your property.



20 x 22 Feet

Garage No. 134

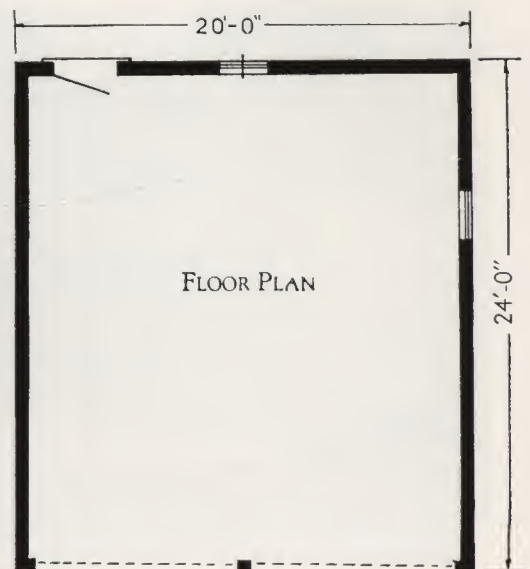
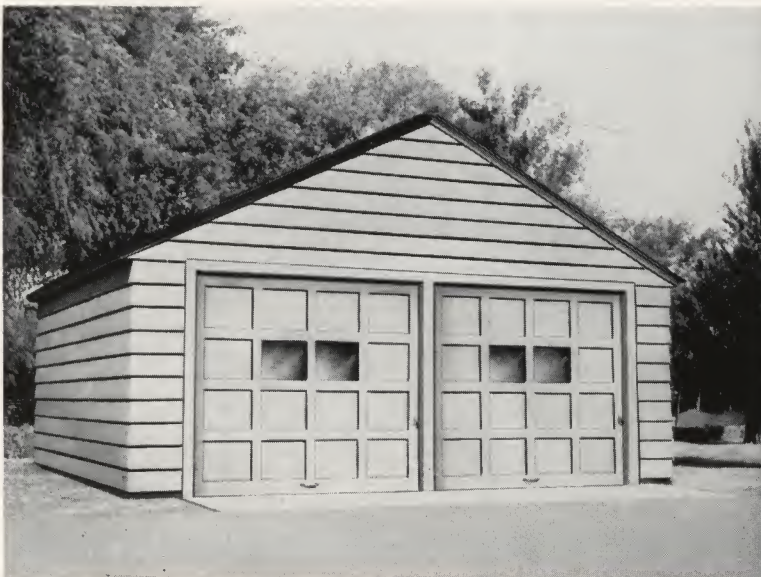
THIS beautiful garage with brick-veneer construction easily provides space for two large cars. There is additional storage space under the roof for storm sash and screens. Simple and attractive in design, it enhances the value of the investment in your home.



20 x 22 Feet

Garage No. 150

THIS neat, hip-roofed two-car garage leaves nothing to be desired. Its architectural style will harmonize with homes as they are built today. It is to be noted this garage is extra long and that the convenient overhead entrance door makes it easy to drive into.



20 x 24 Feet

Garage No. 166

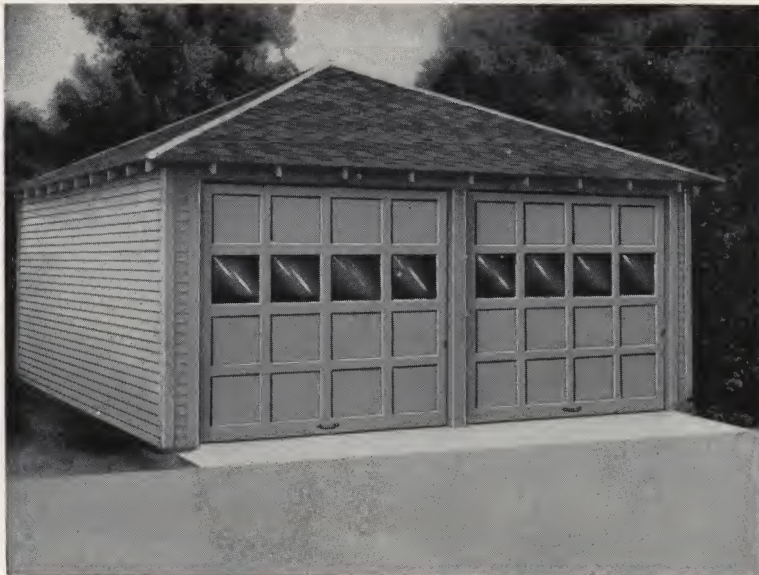
THE size of this beautiful garage of clapboard design allows ample space for two large cars. Because it has double boarding on the outside walls, it will always be warm in winter—a distinct advantage in Northern climates. A well-built garage is always a good investment.



20 x 22 Feet

Garage No. 157

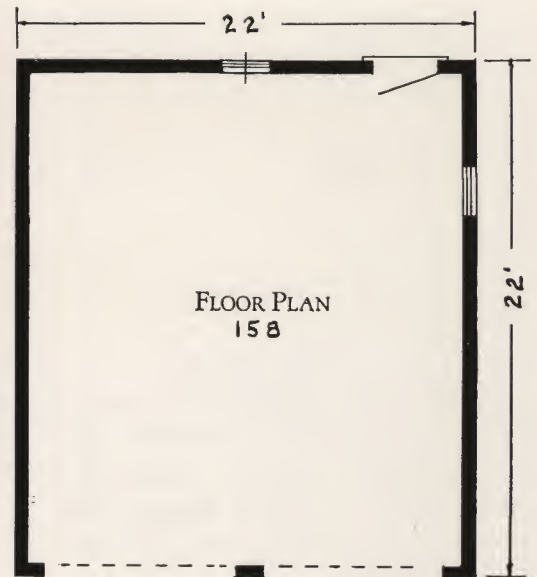
HERE is a beautiful garage with ample space for two large cars. There is an attractive hood over the entrance door which is of the overhead variety and of double width. This garage is easy to enter because the center door post has been entirely eliminated.



20 x 24 Feet

Garage No. 165

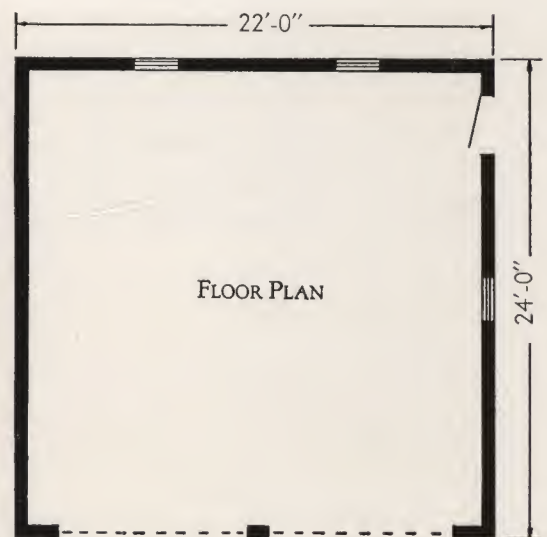
HERE is a two-car garage that is economical to build. Attractive in appearance, it lends itself to any type of home architecture. It is large enough to accommodate two large cars and there will be room to spare for the storage of many of the household belongings.



22 x 22 Feet

Garage No. 158

HERE is an attractive garage which is larger than the average two-car garage. With its shingle exterior, it will harmonize with the best styled homes of today and will be a credit to its surroundings. A well-built garage is always a good investment.



22 x 24 Feet

Garage No. 167

THIS beautiful clap-boarded garage provides space for two large cars with room to spare. The advantages of a two-car garage are many and the small additional investment will pay big dividends in utility and convenience. Consider well the many advantages of a garage like this before you build.

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